

175088-1 ✓ ACTIVE

AMP | Econoseal

TE Internal #: 175088-1

Automotive Terminals, Tab, Mating Tab Width 4.8 mm [.189 in], Tab Thickness .031 in [.8 mm], 14 – 12 AWG Wire Size, 2 – 3 mm² Wire Size, Econoseal

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals > Econoseal Receptacles and Tabs



Terminal Type: **Tab**

Mating Tab Width: **4.8 mm [.189 in]**

Mating Tab Thickness: **.8 mm [.031 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **14 – 12 AWG**

[All Econoseal Receptacles and Tabs \(45\)](#)

Features

Product Type Features

Sealable	Yes
Primary Locking Feature	Clean Body

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Crimp Type	F-Crimp
Terminal Type	Tab
Mating Tab Width	4.8 mm [.189 in]
Mating Tab Thickness	.8 mm [.031 in]
Interface Plating	Tin (Sn)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	2 – 3 mm ²
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Wire Size Search	12 AWG, 13 AWG, 14 AWG
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Wire Insulation Diameter	2.9 – 3.8 mm [.114 – .149 in]
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Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C [176 °F][185 °F][194 °F][212 °F][221 °F]
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Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]
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Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
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Packaging Quantity	2500
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Other

Terminal Transmits	0 – 24 A (Low Power)
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides

on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # 2-2266828-1
OCEAN-2.0-APPLICATOR-S-130F2300



TE Part # 2-2266828-2
OCEAN-2.0-APPLICATOR-S-130F2300



TE Part # 2266828-1
OCEAN-2.0-APPLICATOR-S-130F2300




TE Part # 2266828-2
OCEAN-2.0-APPLICATOR-S-130F2300



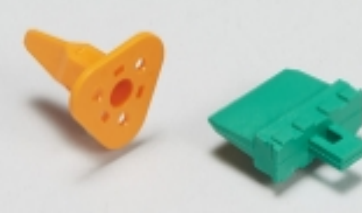
KIT
REPRESENTATION ONLY

TE Part # 7-2266828-7
OCEAN_2.0_SPARE_PART_KIT-130F2300


Also in the Series | Econoseal




Automotive Connector Caps & Covers (1)



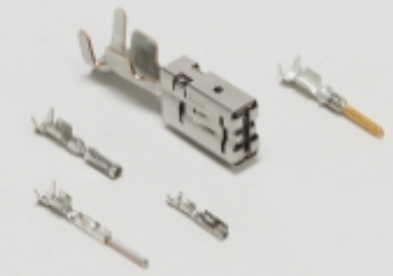
Automotive Connector Locks & Position Assurance(25)




Automotive Housings(62)



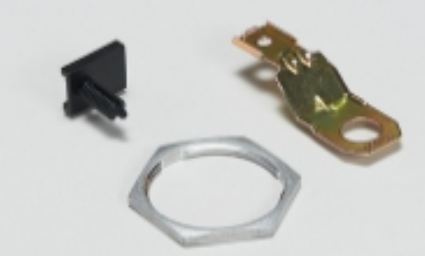
Automotive Seals & Cavity Plugs(17)



Automotive Terminals(47)



Insertion & Extraction Tools(7)

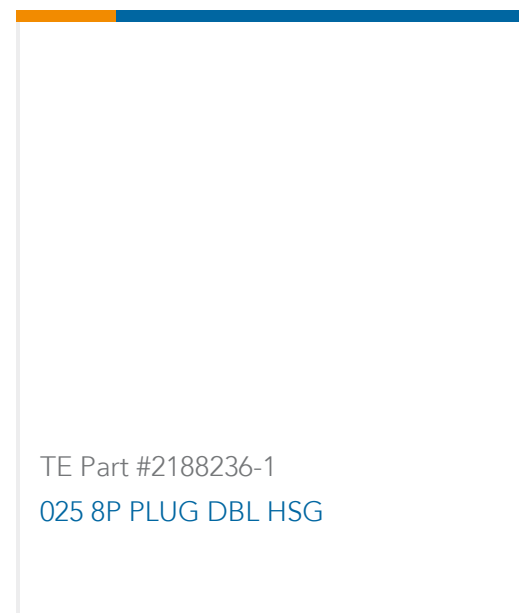
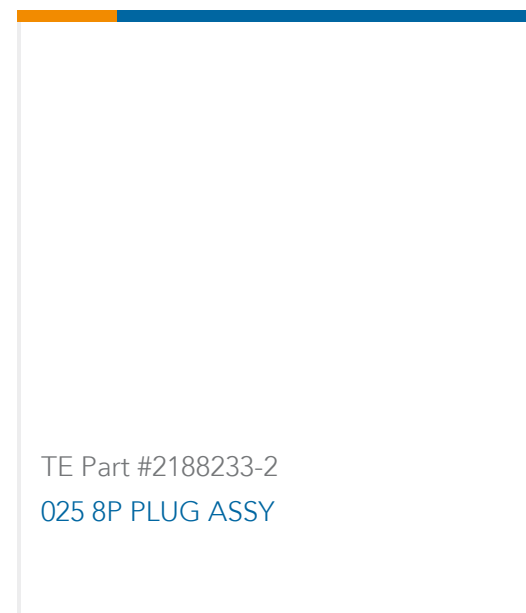
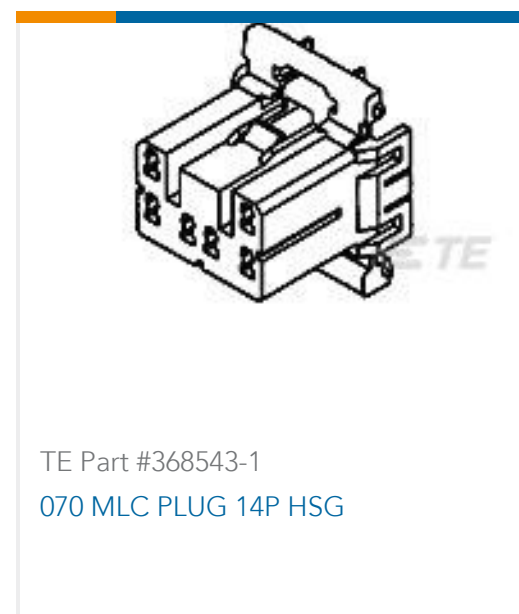


Other Automotive Connector Accessories(5)



PCB Headers & Receptacles(4)

Customers Also Bought



Documents

Product Drawings

[.187 SEALD TAB CONT L](#)

English

[.187 SEALD TAB CONT L](#)

English

CAD Files

Customer View Model

[ENG_CVM_175088-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_175088-1_O.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_175088-1_O.2d_dxf.zip](#)

English

[3D PDF](#)

English

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Datasheets & Catalog Pages

Econoseal Connector Series

English

Product Specifications

Product Specification

English

.187 SERIES, SEALED CONNECTOR

English

.187 SERIES, SEALED CONNECTOR

Japanese

Product Specification

Japanese

Product Environmental Compliance

Product Compliance

English

Product Compliance

English